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DEC 07 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s):	Timothy A. Gessert	)
		)
Patent No.:	6,281,035	) Art Unit: 2812
		)
Issue Date:	August 28, 2001	) Examiner:
		)
Title:	Ion-Beam Treatment to Prepare Surfaces of p-CdTe Films	) Atty Dkt No.: NREL 96-48

**PETITION TO REVIEW DECISION REFUSING TO ACCEPT AND  
RECORD PAYMENT OF A MAINTENANCE FEE FILED PRIOR TO  
EXPIRATION OF PATENT UNDER 37 C.F.R. § 1.377**

To: Commissioner for Patents  
M/S PETITIONS  
P.O. BOX 1450  
Alexandria, VA 22313

**RECEIVED**  
**DEC 14 2006**  
**OFFICE OF PETITIONS**

Dear Sir:

Applicant in the above-identified application hereby petitions the Commissioner under 37 C.F.R. § 1.377 to review decision refusing to accept and record payment of maintenance fee filed prior to expiration of patent.

Applicant requests reinstatement of the above-referenced patent due to an error on the part of the Patent Office, wherein the Patent Office claims that payment of the maintenance fee was not received timely prior to the end of the six month grace period in accordance with 37 CFR 1.362(e).

12007 CAHLOK 00000012 140460 6281035

450.00 DA

On February 17, 2005, Applicant received a transmission from the Office of Finance-Receipts Accounting Division with a Notification of Non-Acceptance of Patent Maintenance Fee, wherein their records indicated that the entity status on this patent was large. Applicant had authorized payment of the maintenance fee on February 3, 2005 as a small entity. Applicant responded to the Notice by transmission to the Office of Finance on March 3, 2005 with a Communication and attachments including: Postcard receipt dated October 14, 1999, Statement Claiming Small Entity Status and a Request for Refund, dated October 8, 1999.

Applicant received a Notice of Patent Expiration on October 12, 2005.

Applicant failed to respond to the Notice of Patent Expiration due to an oversight. The oversight has only now been brought to the attention of the Applicant who now wishes to petition for revival of the patent.

Applicant encloses copies of the following:

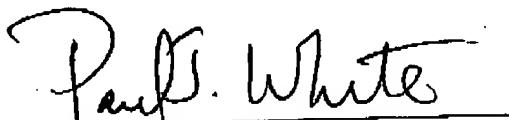
1. Transmission of the Office of Finance-Receipts Account Division cover sheet; Notification of Non-Acceptance of Patent Maintenance Fee; and the Maintenance Fee Transmittal Form [3 pages]
2. Copy of the Transmission cover sheet to the Office of Finance, which included: Communication; Copy of Notification of Non-Acceptance of Patent Maintenance Fee; postcard receipt, dated October 14, 1999; Statement Claiming Small Entity Status, dated October 8, 1999; and Request for Refund, dated October 8, 1999.
3. Postcard receipt, dated February 9, 2005
4. Notice of Patent Expiration, dated September 28, 2005.

WHEREFORE, Applicant requests the Commissioner to grant this Petition and to accept the timely payment of the first maintenance fee.

Applicant request that the petition fee be refunded if the refusal to accept and record the maintenance fee is determined to result from an error by the Patent Office. Applicant authorizes the Patent Office to charge said petition fee to Applicant's Deposit Account No. 14-0460.

If any other issues remain to be resolved, please contact the undersigned at the telephone number listed below.

Dated: December 7, 2006.



Paul J. White, Reg. No. 30,436  
Attorney for Applicant

National Renewable Energy Laboratory  
1617 Cole Boulevard  
Golden, CO 80401  
303/384-7575

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Timothy A. Gessert )  
Patent No.: 6,281,035 ) Art Unit: 2812  
Issue Date: August 28, 2001 ) Examiner:  
Title: Ion-Beam Treatment to Prepare Surfaces )  
of p-CdTe Films ) Atty Dkt No.: NREL 96-48

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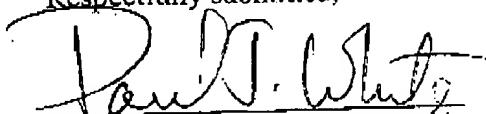
OFFICE OF PETITIONS

STATEMENT

Applicant states that a Maintenance Fee Transmittal Form was mailed on February 3, 2005 to the Patent Office authorizing the payment of the first maintenance fee through Applicant's Deposit Account in the above-referenced patent. A postcard receipt was received in Applicant's office from the Patent Office on February 9, 2005 illustrating the Patent Office postmark. Applicant points out that the other four patents listed on the Transmittal Form were properly charged their fees. Applicant timely responded to the Office of Finance questioned on the entity status of the patent indicating that the patent had been previously declared small entity and the Patent Office was in error. Applicant states that the failure of the Patent Office to charge the maintenance fee payment resulted in the expiration of the patent and is not the fault of the Applicant.

The undersigned declares that all statements made herein are true and correct, and that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,



Paul J. White, Reg. No. 30,436  
Attorney for Applicant

Dated: December 7, 2006.

12/07/2006 08:10 303384  
02/17/05 THU 10:46 FAX 7033086778

NREL LEGAL OFFICE

DEPOSIT ACCOUNTS

PAGE 07/20  
0001



UNITED STATES PATENT AND TRADEMARK OFFICE

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UNIT SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON D.C. 20231  
WWW.USPTO.GOV

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OFFICE OF PETITIONS

Office of Finance-Receipts Accounting Division

~ Deposit Account Branch ~ Refund Branch

~ Status & Entity Branch (Patent Maintenance Fees)

To: Brenda Brantley From: D. Galloway

Fax: 303-347-4799 Date: 2-17-05

Re: CC:

No. of pages to follow: 3

q4, 2X4  
qV, X4

COMMENTS:

DEPOSIT ACCOUNT BRANCH- 703-305-4631

option  
#2

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UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

## NOTIFICATION OF NON-ACCEPTANCE OF PATENT MAINTENANCE FEE

IN RE PATENT NUMBER: 6281035

PAYMENT RECEIVED IN THE MAILROOM : 02/15/05

The Maintenance Fee payment was not accepted due to the following reason(s):

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- The fee was previously paid on
- The fee was paid too early. Pursuant to 37CFR 1.362(d), the payment window will open
- Pursuant to 37 CFR 1.326(a), 1.362(b), the patent is not subject to maintenance fees.
- An invalid or incorrect serial/ patent number was submitted for payment.
- The above cited patent number was reissued. In accordance with 37 CFR 1.366(d), the reissue patent and serial number must be provided to complete the required maintenance fee.
- Pursuant to 37 CFR 1.366(b), you must provide us with an additional 0.00 to complete the required maintenance fee. Maintenance fees were adjusted this fiscal year. A copy of the new fee schedule is attached for your information.
- Our records indicate that the entity status on this patent is large.  
Pursuant to 37 CFR 1.366(f), you must submit a written assertion claiming small entity or provide an additional \$ 0.00 in order to complete the required maintenance fee for large entity.
- The entity status for the patent is currently small, however the maintenance fee payment submitted was for large entity. If the entity status is now large, a written assertion claiming large entity status must accompany the maintenance fee payment. Small entity payment was applied to the above patent, pending response from customer regarding large entity status. The balance was refunded as noted below.
- An excess payment of \$ 0.00 has been credited to your deposit account #
- Your check # in the amount of \$ 0.00 was credited back to your deposit account #
- A Treasury check or Electronic Funds Transfer (EFT) refund will be issued back to you in the amount of \$ 0.00.
- Pursuant to 37 CFR 1.362(e), as of a surcharge amount of 0.00 must be submitted to complete the required maintenance fee. If not received by the patent will expire.
- The above cited patent expired on . Expired patents may be reinstated in accordance with 37.CFR 1.378.
- Your deposit account was not charged. The documentation you submitted for payment is being returned herewith.
- Your credit card was not charged. See attached document for details.

D. Lalloway  
Signature (703)-308-50

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PTO/SB/45 (09-03)

Approved for use through 06/30/2008. OMB 0651-0016  
GSA FPMR (41 CFR) 101-11.2

**U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**

FFB 0 9 2005

**MAINTENANCE FEE TRANSMITTAL FORM**

**Address to:**  
United States Patent and Trademark Office  
P.O. Box 371611  
Pittsburgh, PA 15250-1611

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "United States Patent and Trademark Office, P.O. Box 37161, Pittsburgh, PA 15250-1611" ON February 3, 2005

**Signature**

**Typed or printed name** Brenda E. Brantley

Enclosed herewith is the payment of the maintenance fee(s) for the listed patent(s).

- A check for the amount of \$ \_\_\_\_\_ for the full payment of the maintenance fee(s) and any necessary surcharge on the following patents is enclosed.
  - The Director is hereby authorized to charge \$ 2250.00 to cover the payment of the fee(s) indicated below to Deposit Account No. 14-0460
  - The Director is hereby authorized to charge any deficiency in the payment of the required fee(s) or credit any overpayment to Deposit Account No. 14-0460
  - Payment by credit card. Form PTO-2038 is attached.

**b**. Information required by 37 CFR 1.366(e) (columns 1 & 4). Information requested under 37 CFR 1.366(d) (columns 2, 3, 5, & 6)

Item	Patent Number <sup>a</sup> 1	Maintenance Fee Amount (37 CFR 1.20 (e)-(g)) 2	Surcharge Amount (37 CFR 1.20 (h)-(l)) 3	U.S. Application Number <sup>a</sup> [06/555,5551 4	Payment Year			Small Entity? 5
					3.5 yrs	7.5 yrs	11.5 yrs	
1	6,275,060	450.00		09/283,738	X			Yes
2	6,275,295	450.00		09/302,727	X			Yes
3	6,277,589	450.00		09/316,172	X			Yes
4	6,281,035	450.00		08/937,721	X			Yes
5	6,281,426	450.00		09/615,297	X			Yes
6								
Subtotal: Columns 2 & 3		\$2250.00						
Total Payment		\$2250.00			<input type="checkbox"/>	additional sheets attached for listing additional patents.		

**WARNING:**

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

Respectfully submitted\*\*\*:

Customer's name: PAUL J. WHITE  
Telephone: 303-384-7575

Fax: 3

**Customer's Signature:**

**Registration Number, if applicable:**  
Note: "A correspondence will be forwarded to the "Fee Address" or to the "Correspondence Address" if no "Fee Address" has been provided. 37 CFR 1.383.  
\* Payment of small entity fee is appropriate if small entity status still exists, see 37 CFR 1.27(g). To establish small entity status or to change  
status from small to large entity, note the requirements of 37 CFR 1.27 and 1.33(b).  
\*\*\* WHERE MAINTENANCE FEE PAYMENTS ARE TO BE MADE BY AUTHORIZATION TO CHARGE A DEPOSIT ACCOUNT, BOTH CUSTOMER'S NAME  
AND SIGNATURE ARE REQUIRED.

This collection of information is required by 37 CFR 1.366. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 0.8 minutes to complete, including the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: U.S. Patent and Trademark Office, P.O. Box 371811, Pittsburgh, PA 15230-1811.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PAGE 9/20 \* RCVD AT 12/7/2006 10:09:03 AM [Eastern Standard Time] \* SVR:USPTO-EFXRF-2/14 \* DNI:2738300 \* CSID:3033847499 \* DURATION (mm:ss):04-52

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CONFIDENTIALITY NOTICE

Fax

This facsimile transmission (and/or the documents accompanying it) may contain confidential information belonging to the sender which is protected by the attorney-client privilege. The information is intended only for the use of the individual or entity named below. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this information is strictly prohibited. If you have received this transmission in error, please immediately notify us by telephone to arrange for return of the documents.

Originating Office: Legal

From: Brenda Brantley

**FAXED**  
*3/3/25*

To: D. Galloway

Company: U.S. Patent & Trademark Office  
Office of Finance - Receipts Accounting Division  
Deposit Account Branch - Refund Branch

No. Pages: 10 (Including cover sheet)

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Date: March 3, 2005

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Fax: 703-308-6778

OFFICE OF PETITIONS

Our Fax No.:  
303/384-7499For Questions Call: Brenda Brantley, 303/384-7572

RE: Pat. No. 6,281,035

Attached items:

1. Communication
2. Copy of Notification of Non-Acceptance of Patent Maintenance Fee
3. Postcard receipt stamped-dated by USPTO October 14, 1999
4. Statement Claiming Small Entity Status, dated October 8, 1999
5. Request for Refund, dated October 8, 1999

DEC 07 2006  
UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Timothy A. Gessert )  
                                   )  
                                   )  
 Patent No.: 6,281,035         )  
                                   )  
 Issued: August 28, 2001         )  
                                   )  
 Title: Ion-Beam Treatment to Prepare     ) Atty. Dkt. No.: NREL 96-48  
                                   Surfaces of p-CdTe Films     )

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## COMMUNICATION

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OFFICE OF PETITIONS

Commissioner for Patents  
 U.S. Patent & Trademark Office  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Attn: D. Galloway - Office of Finance-Receipt Accounting Division

This communication is in response to receiving on February 23, 2005 a Notification of Non-Acceptance of Patent Maintenance Fee in the above-identified patent, wherein the Office of Finance indicated that their records showed that the entity status on this patent is large.

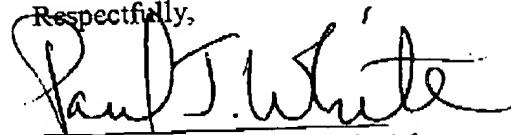
On February 3, 2005, Applicant filed a Maintenance Fee Transmittal Form indicating that the above-identified patent was under a small entity status.

In response to the Notification, Applicant submits copies of the following documents, which indicate that small entity status was previously filed with the U.S. Patent Office (USPTO).

- 1) Postcard receipt stamped-dated by USPTO October 14, 1999
- 2) Statement Claiming Small Entity Status, dated October 8, 1999
- 3) Request for Refund, dated October 7, 1999 (Please note refund was never received)

Applicant request the Office of Finance to examine the above listed documents and correct the records to indicate small entity status for the above identified patent.

Respectfully,



Paul J. White, Reg. No. 30,436  
Senior Patent Counsel

Dated: March 3, 2005

National Renewable Energy Laboratory  
1617 Cole Blvd.  
Golden, CO 80401  
303/384-7575  
303/384-7499 (fax)

NREL 96-48

The stamp of the U.S. Patent & Trademark Office hereon  
will acknowledge receipt of:

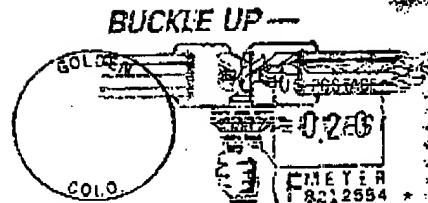
1. Statement Claiming Small Entity Status for  
Non-Profit Organization (1 page)
2. Request for Refund (3 pages)

Received

OCT 19 1999

Re: Timothy A. Gessert  
SN 08/937,721  
Filed: 9/25/97  
Title: Ion-Beam Treatment to Prepare Surfaces  
of p-CdTe Films

Legal Office ✓



No postage stamp required.  
Postage has been prepaid by:

National Renewable Energy Laboratory  
Office of General Counsel  
1617 Cole Boulevard  
Golden, CO 80401  
99 OCT 14 PM 3:04

RECEIPT ACCOUNTING DIVISION

RECORDED MAIL

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## OFFICE OF PENDING

Approved for use through 09/30/2003 GPO:2004-003  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCESTATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.91(i) & 1.27(d))-NONPROFIT ORGANIZATIONDocket Number (Optional)  
NREL 96-48

Applicant, Patentee, or Identifier: Timothy A. Gessert

Application or Patent No.: 08/937,721

Filed or Issued: Filed September 25, 1997

Title: Ion-Beam Treatment to Prepare Surfaces of p-CdTe Films

I hereby state that I am an official empowered to act on behalf of the nonprofit organization identified below:  
NAME OF NONPROFIT ORGANIZATION Midwest Research Institute

ADDRESS OF NONPROFIT ORGANIZATION 425 Volker Blvd.

Kansas City, Mo 64110

## TYPE OF NONPROFIT ORGANIZATION:

- UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION
- TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3))
- NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA  
(NAME OF STATE Missouri)  
(CITATION OF STATUTE 26 U.S.C. 501(a) and 501(c)(3))
- WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(b) and 501(c)(3))  
IF LOCATED IN THE UNITED STATES OF AMERICA
- WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED  
STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA  
(NAME OF STATE)  
(CITATION OF STATUTE )

I hereby state that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(a) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention described in:

- the specification filed herewith with title as listed above.
- the application identified above.
- the patent identified above.

I hereby state that rights under contract or law have been conveyed to and remain with the nonprofit organization regarding the above identified invention. If the rights held by the nonprofit organization are not exclusive, each individual, organization having rights in the invention must file separate statements as to their status as small entities and that no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

- no such person, concern, or organization exists.
- each such person, concern, or organization is listed below.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

NAME OF PERSON SIGNING Ken Richardson

TITLE IN ORGANIZATION OF PERSON SIGNING Assistant Chief Patent Counsel

ADDRESS OF PERSON SIGNING NREL, 1617 Cole Blvd., Golden, CO 80401

SIGNATURE \_\_\_\_\_ DATE October 7, 1999

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## IN THE U.S. PATENT &amp; TRADEMARK OFFICE

Applicant(s): Timothy A. Gessert )  
Application Serial No.: 08/937,721 ) Art Group No.: 2812  
Filing Date: September 25, 1997 )  
Patent No.: ) Examiner: S. Mulpuri  
Title: Ion-Beam Treatment to Prepare Surfaces of p-CdTe )  
Films ) Issued:  
) Atty. Dkt. No.: NREL 96-48

REQUEST FOR REFUND  
(Under 37 C.F.R. § 1.28(a))

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Assistant Commissioner for Patents  
Washington DC 20231

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Attn: Refund Section, Accounting Division, Office of Finance

I. SUBMISSION OF SMALL ENTITY STATEMENT (*complete (a) or (b)*)

- (a)  Attached is a statement claiming small entity status in this application.  
(b)  A statement claiming small entity was filed in this application on \_\_\_\_\_

## II. REFUND REQUEST

This request for refund is made within two months of the date a fee was paid in this application on August 23, 1999, in the amount of \$ 870.00

Note: The two-month period (§ 1.28(a) is not included in the provisions for extension under 37 CFR § 1.136 because it is not a period for response. Notice of November 30, 1989, 49 FR 548, January 4, 1984, 37 CFR § 1.28(a)).

## III. FEES PAID FOR WHICH REFUND REQUESTED

Amount of Refund  
Requested

- |                          |   |          |
|--------------------------|---|----------|
| <input type="checkbox"/> | Filing fee  | \$ _____ |
| <input type="checkbox"/> | Surcharge for filing the basic filing fee on a date later than the filing date of the application<br>(37 CFR § 1.16(e) or 37 CFR § 1.16(l)) | \$ _____ |

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- |                                     |  |           |
|-------------------------------------|--|-----------|
| <input type="checkbox"/>            | Surcharge for filing the oath or declaration on a date later than the filing date of the application (37 CFR § 1.16(e))                          | \$ _____  |
| <input type="checkbox"/>            | Surcharge for filing the basic filing fee on a date later than the filing date of the provisional application (37 CFR §§ 1.51(c)(1) and 1.16(l)) | \$ _____  |
| <input type="checkbox"/>            | Surcharge for filing the cover sheet on a date later than the filing date of the provisional application (37 CFR §§ 1.51(c)(1) and 1.16(l))      | \$ _____  |
| <input checked="" type="checkbox"/> | Extension of term  | \$ _____  |
| <input type="checkbox"/>            | first month  | \$ _____  |
| <input type="checkbox"/>            | second month   | \$ _____  |
| <input checked="" type="checkbox"/> | third month  | \$ 435.00 |
| <input type="checkbox"/>            | fourth month   | \$ _____  |
| <input type="checkbox"/>            | fifth month  | \$ _____  |
| <input type="checkbox"/>            | Excess claims  | \$ _____  |
| <input type="checkbox"/>            | Petition fee   | \$ _____  |
| <input type="checkbox"/>            | Issue fee  | \$ _____  |
| <input type="checkbox"/>            | Patent maintenance fee   | \$ _____  |
| <input type="checkbox"/>            | First maintenance fee  | \$ _____  |
| <input type="checkbox"/>            | Second maintenance fee   | \$ _____  |
| <input type="checkbox"/>            | Third maintenance fee  | \$ _____  |
| <input type="checkbox"/>            | Patent maintenance fee surcharge   | \$ _____  |

*Note: The refund provisions of § 1.28(a), for later submitted small entity statements, apply to maintenance fees. Notice of July 30, 1984, 1046 O.G. 28-37.*

- |                          |       |          |
|--------------------------|-------|----------|
| <input type="checkbox"/> | Other | \$ _____ |
| <hr/>                    |       |          |
| <hr/>                    |       |          |
| <hr/>                    |       |          |

**TOTAL REFUND REQUESTED \$ 435.00**

**RECEIVED**

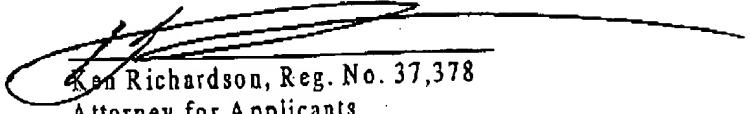
**DEC 14 2006**

**OFFICE OF PETITIONS**

**IV. MANNER OF REFUND**

Please make refund by

- Crediting Account No. 14-0460  
 Refunding overpayment

Dated: October 7, 1999  
Ken Richardson, Reg. No. 37,378  
Attorney for Applicants

National Renewable Energy Laboratory  
1617 Cole Boulevard  
Golden, CO 80401  
303/384-7576

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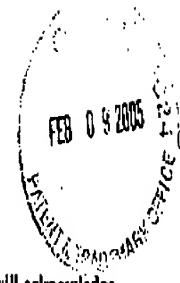
**OFFICE OF PETITIONS**

NREL 96-48  
NREL 98-19  
NREL 99-12  
NREL 99-27  
NREL 97-08C

The stamp of the U.S. Patent & Trademark Office hereon will acknowledge receipt of the following:

(1) Maintenance Fee Transmittal Form

Re:     Timothy Gessert               U.S. Pat. No. 6,281,035  
          Michael Selbert et al.       U.S. Pat. No. 6,277,589  
          Bhushan Sopori               U.S. Pat. No. 6,275,295  
          Richard Ahrenkiel et al.      U.S. Pat. No. 6,275,060  
          Jerry M. Olson et al.        U.S. Pat. No. 6,281,426



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## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
 United States Patent and Trademark Office  
 P.O. Box 1450  
 Alexandria, VA 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

file

Received

P75M

DATE PRINTED

OCT 12 2005

PAUL J WHITE, SENIOR COUNSEL  
 NATIONAL RENEWABLE ENERGY LABORATORY (NR)  
 1617 COLE BOULEVARD  
 GOLDEN CO 80401-3393

09/28/05

Legal Office

## NOTICE OF PATENT EXPIRATION

According to the records of the U.S. Patent and Trademark Office (USPTO), payment of the maintenance fee for the patent(s) listed below has not been received timely prior to the end of the six-month grace period in accordance with 37 CFR 1.362(e). THE PATENT(S) LISTED BELOW HAS THEREFORE EXPIRED AS OF THE END OF THE GRACE PERIOD. 35 U.S.C. 41(b). Notice of the expiration will be published in the USPTO Official Gazette.

Expired patents may be reinstated in accordance with 37 CFR 1.378 if upon petition, the maintenance fee and the surcharge set forth in 37 CFR 1.20(i) are paid. AND the delay in payment of the maintenance fee is shown to the satisfaction of the Director to have been unavoidable or unintentional. 35 U.S.C. 41(c)(1).

If the Director accepts payment of the maintenance fee and surcharge upon petition under 37 CFR 1.378, the patent shall be considered as not having expired but would be subject to the intervening rights and conditions set forth in 35 U.S.C. 41(c)(2).

For instructions on filing a petition under 37 CFR 1.378 to reinstate an expired patent, you may call the USPTO Contact Center at 800-786-9199 or 703-308-4357.

PATENT NUMBER	U.S. APPLICATION NUMBER	PATENT ISSUE DATE	APPLICATION FILING DATE	EXPIRATION DATE	ATTORNEY DOCKET NUMBER
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